

# PEACOCK AQUACRYLIC ZP PRIMER

Product Code: 3220

Date: Feb 2012 (Page 1 of 2)

## PRODUCT DESCRIPTION

- Single component Waterborne Acrylic Zinc Phosphate surface tolerant direct-to-metal primer.
- Excellent corrosion resistant properties.
- Resistant to flash rusting and suitability for SSPC-SP2 and SP3 cleaned steel
- Low odor; low VOC

## PHYSICAL PROPERTIES

Colours and gloss	Red & grey
Mass density	approx. 1.3g/cm <sup>3</sup>
Solids content (by volume)	approx. 37%
Recommended dry film thickness	50-75 µm do not excess 75µm in one application
Theoretical spreading rate	14.5 m <sup>2</sup> /l for 25µm
Touch dry	3 hours at 10°C
Overcoating interval	min. 3 hours at 10°C
Shelf life(cool and dry place)	at least 24 months
Flash point	93 °C,
VOC Values	67g/l
Dry Temperature resistance	113 °C
Storage	Store indoor, <b>Keep from Freezing</b>

## APPLICATION CONDITIONS AND TEMPERATURE

- Surface must be clean and dry. Employ adequate methods to remove dirt, dust, oil and all other contaminants that could interfere with adhesion of the coating
- **Steel:** SSPC-SP2, SP3 as minimum requirement. SSPC-SP6 with 25-50 micron surface profile

## APPLICATION INSTRUCTION

### Mixing

- Power mix until uniform in consistency. Avoid excessive air entrapment.

### Thinning

- Designed to be used as supplied
- May be thinned with 6% of water if necessary.

	AIR SPRAY	AIRLESS SPRAY
Recommended thinner	Water	Water
Volume of thinner	6%	3%
Nozzle orifice	1.8-2 mm	0.53 mm
Nozzle pressure	0.3-0.4 MPa (approx. 3-4 AT; 43-57 P.S.I.)	15MPa (approx. 150 AT; 2100 P.S.I.)

## BRUSH AND ROLLER

Multiple coats may be required to achieve desired appearance, hiding and recommended dry film thickness. Avoid excessive re-brushing or re-rolling.

# PEACOCK AQUACRYLIC ZP PRIMER

Product Code: 3220

Date: Feb 2012 (Page 2 of 2)

## CLEANING SOLVENT

Spray equipment should be flushed with water followed by mineral spirits.

Brushes and rollers should be cleaned immediately after use with soap and water.

## APPLICATION CONDITIONS

Do not apply when the surface temperature is less than **3°C** above the dew point.

Do not apply if temperatures are expected to drop below **10°C** within 24 hours of application.

Condensation due to substrate temperatures below the dew point can cause flash rusting on prepared steel and interfere with proper adhesion to the substrate.

## DRY TO HANDLE (50% humidity)

substrate temperature (°C)	10	24	32
minimum interval (hours)	3	2	1

## DRY TO TOPCOAT (50% humidity)

minimum interval (hours)	3	2	1
--------------------------	---	---	---

These times are based on a 50-75mm dry film thickness. Higher film thickness, insufficient ventilation, high humidity or cooler temperatures will require longer cure times